

**Size:** 100,671 acres  
**Mission:** Provide training, readiness, and deployability for three component combat brigades; mobilize and deploy active and reserve component units  
**HRS Score:** 33.79; placed on NPL in August 1990  
**IAG Status:** IAG effective June 1991  
**Contaminants:** VOCs, pesticides, and lead  
**Media Affected:** Groundwater, surface water, sediment, and soil  
**Funding to Date:** \$46.5 million  
**Estimated Cost to Completion (Completion Year):** \$31.8 million (FY2014)  
**Final Remedy in Place or Response Complete Date for All Sites:** FY2013



### Junction City, Kansas

## Restoration Background

Environmental studies from FY74 through FY86 identified a former pesticide storage facility, a dry cleaning facility and a closed landfill. Additional sites identified in a FY92 installation-wide site assessment include a former firing range, two former landfill areas, an open burn/open detonation range, and a former fire training area.

The installation has identified five operable units (OUs): the Southwest Funston Landfill (OU1), the Pesticide Storage Facility (OU2), the Dry Cleaning Facility (OU3), the former Fire Training Area (OU4), and the 354 Area Solvent Detection Site (OU5).

Remedial Investigation and Feasibility Studies (RI/FSs) began at OU1 and OU2 in FY91, and at OU3 in FY92. In FY94 to FY95, the installation stabilized the riverbank at OU1, conducted Removal Actions at OU2 and a former range site, and performed soil vapor extraction (SVE) pilot tests at OU3 and OU4. The installation also formed a partnership with USGS to develop and perform long-term monitoring (LTM) of groundwater at OU1.

In FY96, the installation conducted soil investigations at OU4 and initiated an Engineering Evaluation and Cost Analysis (EE/CA) to evaluate measures for controlling exposure of nearby users of the groundwater. In FY97, the Army obtained signatures on the final ROD for OU1 and the ROD for OU2, which calls for institutional controls. The Army completed the RI/FS work plan, and the EE/CA was initiated to evaluate potential early actions addressing groundwater contamination at OU4. The installation performed initial field investigations at OU5. Remediation of fuel oil-contaminated utility trenches in the 6200 Family Housing Area was completed.

EPA and state regulators participated in developing the Installation Action Plan (IAP). A Restoration Advisory Board (RAB) orientation meeting was held, and a RAB community co-chair was selected.

## FY98 Restoration Progress

The draft Proposed Plan for OU3 was submitted to regulators. Delay in finalization is primarily due to extended regulatory review periods for the draft FS and extended periods for installation revision and submittal of the draft final FS. The proposed remedy is LTM and institutional controls.

The exposure control (installation of replacement wells) EE/CA for OU4 was completed and was followed by a public comment period and signing of the Action Memorandum. The action has not been implemented because the property owners have not granted access. An EE/CA for the groundwater early action for OU4 was drafted but placed on hold because recent monitoring data show a marked decrease in contaminant levels, apparently due to the success of an FY94–FY95 source removal and natural attenuation. The Army awarded a contract for the OU5 RI/FS work plan.

The installation completed decision memorandums for numerous No Action and No Further Action sites. It also completed an EE/CA, drafted an Action Memorandum, and initiated the design for riverbank stabilization at the Forsyth Landfill Area. The installation drafted an EE/CA for hot-spot ash and soil removal at the Old Southeast Funston Landfill Incinerator and cover repairs at the Old Southeast Funston Landfill.

Demonstrated natural attenuation is expected to shorten the LTM period for OU1 and to be a primary component of the remedy for OU4.

Installation and major command staff have briefed the RAB on Installation Restoration Program (IRP) procedures, project prioritization, and funding issues. Installation staff and project contractors have presented detailed project information. The RAB provided feedback that was important to the development of preliminary cleanup goals for OU4. It also reviewed the EE/CA for OU4 and multiple decision memorandums and received a site tour. The RAB co-chair participated in the IAP development workshop in July 1998. To promote public outreach, the September 1998 RAB meeting was held in a local public library.

## Plan of Action

- Complete the Proposed Plan for OU3 in FY99
- Implement exposure control action and complete early groundwater action EE/CA at OU4 in FY99
- Issue a draft ROD for OU3 in FY99
- Submit the groundwater modeling report for the Camp Funston Groundwater Evaluation project
- Draft the RI/FS work plan and perform Phase I field investigations for OU5 in FY99
- Complete the Action Memorandum and begin construction of riverbank stabilization at the Forsyth Landfill Area in FY99
- Complete EE/CA and begin construction of hot-spot ash and soil removal at Old Southeast Funston Landfill Incinerator and cover repairs at Old Southeast Funston Landfill

## FY99 FUNDING BY PHASE AND RELATIVE RISK

